

SWADLINCOTE DISTRICT
URBAN DISTRICT COUNCIL.

ANNUAL REPORT

OF
THE MEDICAL OFFICER OF HEALTH
FOR
THE YEAR 1906.

JOHN HAMILTON, M.D.

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DISTRICT URBAN DISTRICT COUNCIL.

MEDICAL OFFICER'S REPORT
FOR 1906.

MR. CHAIRMAN AND COUNCILLORS,

I beg leave to submit my Annual Report for 1906, which is the 30th I have made for the Swadlincote Urban District, and the 13th since the amalgamation of the Gresley and Newhall Wards.

The estimated population of the District up to the middle of last year was 19,716. The number of deaths in the District was 225, viz.: 100 males and 125 females, giving a death-rate for the year of 11.41 per 1,000.

Nineteen deaths of males and 3 females belonging to the District, but whose deaths took place outside, brings the total deaths up to 241, giving a death-rate of 12.22 per 1,000.

Death-rate for 1902	-	16.5	} per 1,000
„ „ 1903	-	19.97	
„ „ 1904	-	12.67	
„ „ 1905	-	10.49	

The number of deaths from notified zymotic causes was 5, giving a death-rate of .25 per 1,000. The total number of deaths from zymotic causes was 29, giving a death-rate of 1.47 per 1,000.

The death-rate from zymotic causes was in

1902	-	2.8	} per 1,000
1903	-	1.12	
1904	-	2.10	
1905	-	.66	

The total number of births registered was 636, viz.: 323 males and 313 females. The birth-rate for the year was 32.25 per 1,000, as compared with

1902	-	35.98	} per 1,000
1903	-	35.82	
1904	-	33.66	
1905	-	34.35	

This equals a net increase during the year of 223 males and 138 females.

Vital Statistics of Whole District during 1906 and previous Years.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Insti- tutions in the District.	Deaths of Non- residents registered in Public Insti- tutions in the District.	Deaths of residents registered in Public Insti- tutions beyond the District.	Nett Deaths at all Ages belonging to the District.	
		Number	Rate.*	Under 1 year of Age.		At all Ages.					Number.	Rate.*
				Nun- ber.	Rate per 1,000 Births Registered.	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1896	15,990	584	36.52	72	123.28	199	12.3				199	12.3
1897	16,470	566	34.36	93	164.31	224	13.6				224	13.6
1898	16,930	631	37.20	106	167.98	281	16.5				281	16.5
1899	17,460	645	36.94	97	150.38	262	15.0				262	15.0
1900	17,602	642	36.47	88	137.07	233	13.2				233	13.2
1901	18,117	656	36.20	82	125.0	254	14.01				254	14.01
1902	18,450	664	35.98	94	141.56	292	15.8			14	306	16.05
1903	18,675	669	35.82	63	94.17	194	10.38			11	205	10.97
1904	19,043	641	33.66	74	115.4	241	12.65			16	257	13.495
1905	19,445	668	34.35	75	112.27	204	10.49			12	216	11.10
Averages for years 1896-1905	17,818	636	35.75	84	133.14	238	13.39	Nil	Nil	Nil	243	13.622
1906	19,716	636	32.25	75	117.92	225	11.41	Nil	Nil	16	241	12.22

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public Institutions" to be taken into account for the purposes of these Tables are those into which persons are, habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums.

The mortality under one year equals a death-rate of 117.92 per 1,000 of births registered, as compared with

1902	-	141.56	} per 1,000
1903	-	94.17	
1904	-	115.44	
1905	-	112.27	

The death-rate from 65 years and upwards was 52, giving a death-rate of 2.63 per 1,000, as compared with

1902	-	2.07	} per 1,000
1903	-	2.19	
1904	-	3.203	
1905	-	2.82	

The following Table gives the details of the Mortality in the District of Swadlincote during the year 1906 :—

Causes of Death.	All Ages.	Under 1 year.	1 and under 5.	5 and under 15	15 and under 25	25 and under 65	65 and upw'rds
Scarlet Fever - - -	1	0	1	0	0	0	0
Whooping Cough - - -	12	8	4	0	0	0	0
Diphtheria & Membranous Croup - - -	1	0	1	0	0	0	0
Epidemic Influenza - - -	4	1	0	0	0	1	2
Diarrhoea - - -	7	6	1	0	0	0	0
Enteritis - - -	1	1	0	0	0	0	0
Puerperal Fever - - -	3	0	0	0	1	2	0
Phthisis (Pulmonary Tuberculosis) - - -	10	0	0	4	6	0	0
Other Tubercular Diseases	10	3	4	2	1	0	0
Cancer, Malignant Disease	12	0	0	0	0	10	2
Bronchitis - - -	33	11	7	0	0	3	12
Pneumonia - - -	7	0	5	0	0	2	0
Pleurisy - - -	2	0	1	0	0	0	1
Other Diseases of Respiratory Organs - - -	1	0	0	0	0	1	0
Alcoholism, Cirrhosis of Liver - - -	1	0	0	0	0	1	0
Venereal Diseases - - -	1	1	0	0	0	0	0
Premature Birth - - -	16	16	0	0	0	0	0
Diseases and Accidents of Parturition - - -	3	0	0	0	1	2	0
Heart Diseases - - -	17	0	0	0	0	8	9
Accidents - - -	7	0	1	0	0	5	1
All other Causes - - -	76	28	6	0	2	15	25
All Causes - - -	225	75	31	6	11	50	52

The second part of my Report in the following Table deals with Infectious Diseases notified during the year. From this Table it will be seen that 123 cases were notified as compared with 102 in the previous years.

Notifiable Disease.	At all Ages.	Under 1	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards
Diphtheria - -	9 -	1 -	2 -	3 -	1 -	2 -	0
Membranous Croup	1 -	0 -	1 -	0 -	0 -	0 -	0
Erysipelas - -	29 -	1 -	1 -	2 -	4 -	17 -	4
Scarlet Fever -	80 -	8 -	46 -	23 -	1 -	2 -	0
Enteric Fever -	1 -	0 -	0 -	0 -	1 -	0 -	0
Puerperal Fever -	3 -	0 -	0 -	0 -	0 -	3 -	0
Totals -	123	10	50	28	7	24	4

Scarlet Fever. In all 80 cases were notified to me during the year. The disease never assumed an epidemic form, and the cases were of a mild nature; only one death was reported from this cause.

Enteric Fever. Only one case was notified to me during the year. Our almost complete immunity from what used to be endemic amongst us may reasonably be attributed to the good water supply and the efficient sewerage of the district.

Erysipelas. Twenty-nine cases were notified to me during the year.

Measles. Were almost unknown. A few cases occurred in the early part of the year, but no death was registered from this cause.

Whooping
Cough.

Twelve deaths were registered from this cause. The disease was very prevalent throughout the district, and the difficulty of isolation in these cases will at all times militate against the prevention of the spread of the disease.

Bronchitis,
Pneumonia,
Pleurisy, and
other Diseases of
the Respiratory
Organs.

Forty-three deaths were registered from these causes.

Phthisis and
other
Tubercular
Diseases.

Twenty deaths were registered from these causes. No application was received for the disinfection of the premises of the deceased.

Cancer and
other
Malignant
Diseases.

Twelve deaths occurred under these heads. As I have before remarked, "Increased means of diagnosis" will not account for the largely increasing number of cases observed.

Diarrhoea and
Enteritis.

Eight deaths only were registered from these causes.

Diphtheria and
Membranous
Croup.

Ten cases were reported to me during the year. Only one death was registered from these causes.

Puerperal Fever

Three cases, all fatal, were reported to me during the year.

I am again pleased to say that I was ably assisted by your Sanitary Inspector, whose report I herewith attach, in the matter of the prevention of the spread of the different diseases.

Elementary
Schools.

A thorough inspection of these has been made by me, and I am able to report that their sanitary condition throughout the district is satisfactory.

Slaughter-houses and Food Establishments	Of these also I am able to report a satisfactory sanitary condition. In this connection I would again beg the Council to consider the advisability of providing a public slaughter-house for the district.
Common Lodging Houses.	Of these we have none in the district.
Factory and Workshops Act, 1901.	I have systematically visited the factories and workshops throughout the district, and find that in the matter of cleanliness, air space, ventilation, and other conditions specified under the Act, they are in a satisfactory state.
House Accommodation	No case of overcrowding has been noticed by me during the year.
Water Supply	Has been satisfactory in quality and quantity.
Sewerage and Drainage.	The sewerage system is working satisfactorily, and the scavenging equally so.
Water Closets.	I am glad to be able to report the continued increase in the number of water-closets in the district.
Infectious Diseases Hospital.	This is a question that demands the earnest attention of the Council.
Inspection.	I have made my usual periodic and systematic inspection of the district, including cowsheds and dairies, and have found them in a satisfactory condition; this likewise applies to bakehouses. I have by monthly reports and otherwise

informed you as to the health of the district. Only one case of diseased meat being offered for sale, no occasion arose to take proceedings under the Adulteration of Foods Act, or in the matter of offensive trades.

I am, Gentlemen,

Your obedient Servant,

JOHN HAMILTON.

**Factories, Workshops, Laundries, Workplaces and
Homework.**

INSPECTION.—Including Inspections made by Sanitary
Inspectors or Inspectors of Nuisances.

Factories (including Factory Laundries)	-	-	-	200
Workshops (including Workshop Laundries)	-	-	-	90
Workplaces	-	-	-	140
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Total	-	-	-	430

REGISTERED WORKSHOPS.

Bakehouses	-	-	-	-	-	-	-	35
Tailors and Dressmakers	-	-	-	-	-	-	-	26
Other Factories, such as Pipe and Sanitary Works	-	-	-	-	-	-	-	58
								<hr/>
Total Number of Workshops on Register	-	-	-	-	-	-	-	119

**Summary of SANITARY WORK done in the
Inspector of Nuisances' Department during the year
1906, in the Urban Sanitary District of Swadlincote,
containing an area of 3,415 acres.**

DESCRIPTION OF NUISANCE.	Informal Notices served by Inspector.		Legal Notices served by Authority.		Nuisances abated.
No Disconnection of Waste Pipe - - - -	-	0	-	1	4
Defective Traps, Inlets and Drains - - - -	-	3	-	2	12
Drains obstructed - - - - -	-	0	-	0	9
Insanitary Privies and Ashpits - - - -	-	4	-	4	7
Insufficient Closet Accommodation - - - -	-	4	-	4	12
Conversion of Privies into W.C.'s - - - -	-	6	-	3	37
Defective Water Closets - - - - -	-	0	-	0	2
Urinals Defective - - - - -	-	0	-	0	1
Pigsties - - - - -	-	0	-	0	1
Overcrowding - - - - -	-	0	-	2	2
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Totals -	17	-	16	-	87
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All cases of Infectious Disease visited by Inspector, and Disinfecting done by Inspector. Regular inspection of Meat, Fish, etc., exposed for sale. No Canal Boats.

DWELLING-HOUSES.—ESTIMATED NUMBER, 3,928.

Number Inspected	-	-	-	97
Number of Houses Repaired	-	-	-	25
Number of Infected Houses	-	-	-	84
Number Disinfected	-	-	-	78

DAIRIES AND COWSHEDS.

Number on Register	-	-	-	38
Number of Inspections	-	-	-	114

BAKEHOUSES.

Number on Register	-	-	-	35
Number of Inspections	-	-	-	140

SLAUGHTER-HOUSES.

Number on Register	-	-	-	34
Number of Inspections	-	-	-	136

WORKSHOPS.

Number on Register	-	-	-	80
Number of Inspections	-	-	-	196

Total Number of Inspections made 683

JABEZ HARVEY,

Inspector of Nuisances.